

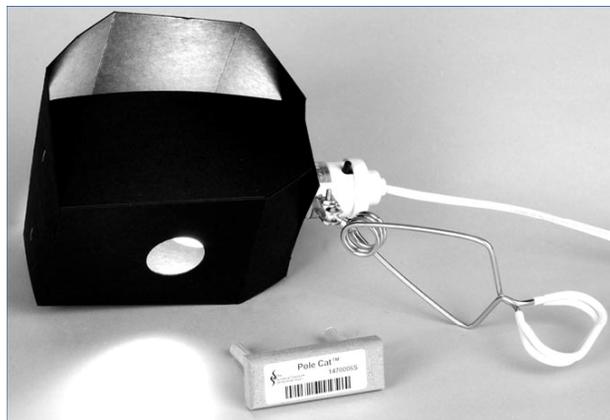
14700 High Power Light Source

Purpose:

To provide a bright shielded point light source or line light source for laboratory situations, such as ripple tank illumination and certain optical experiments.

Contents:

- One (1) Light source shield
- One (1) 150 watt clear bulb
- One (1) Socket assembly with switch and power cord
- One (1) Pole Cat™ with instructions



Assembly:

Gently fold the shield cover along the 2 scored lines to align the holes for the bulb. **Note the need for adequate ventilation at sides.** Place the bulb inside the shield. Turn the bulb to position the filament with respect to the larger side hole (across for a line source, “end on” for a point source). While holding the bulb stationary close the cover of the light shield and slip the hole in the shield cover over the base of the bulb. Turn the socket onto the bulb base until tight. When the socket is tight, check the filament to insure its proper orientation.

Use the spring clamp to hold the light source on any vertical or horizontal surface. The new Pole Cat™ will facilitate mounting the spring clamp on a vertical rod such as a lab stand or ripple tank post. Consult the additional instructions for further information. If desired, colored filters may be taped over the circular exit hole in the shield's base.

To operate, plug the power cord into any standard 110 volt outlet and push the switch on the side of the socket to light the lamp. **Lamp life is extended by allowing the filament to cool completely before moving the light source.**

***WARNING - COVER IS COMBUSTIBLE IF BULB IS LEFT ON FOR A LONG TIME.*
*****WATCH TEMPERATURE OF COVER AND TURN OFF IF HOT!*******

Time Allocation:

Ten minutes is needed for unpacking and assembly of this product.

Feedback:

If you have a question, a comment, or a suggestion that would improve this product, you may call our toll free number.